Index of Claims

Application No. Applicant(s)

10/000,415 KOLZE ET AL.

Examiner Art Unit

Pankaj Kumar 2631

| √ | Rejected | - | (Through numeral)<br>Cancelled | V | Non-Elected  | Α | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     | ı | Interference | 0 | Objected |

| Clá         | Claim Date |          |          |          |          |              |          | Cla          | aim      |                | Date |          |          |              |                 |          | CI       | aim      | Date    |         |          |          |       |            |          |                 |          |          |          |          |           |          |                |
|-------------|------------|----------|----------|----------|----------|--------------|----------|--------------|----------|----------------|------|----------|----------|--------------|-----------------|----------|----------|----------|---------|---------|----------|----------|-------|------------|----------|-----------------|----------|----------|----------|----------|-----------|----------|----------------|
| l _ :       | ল          | ľ.       | 1        |          |          |              | ı        |              |          |                |      | _        | <u></u>  |              |                 |          | ı        |          |         |         |          |          |       | <u>-a</u>  | 1        | 1               |          |          | ١.       |          |           | ļ        |                |
| Final       | Original   | 4/18/05  |          | İ        | 1        |              | 1        |              |          |                |      | Final    | Original |              |                 |          |          |          |         |         | İ        |          | Final | Original   |          |                 |          |          |          |          |           | ٠ ا      |                |
| ίũ          | \ <u></u>  | 7        |          |          | l        |              |          |              | 1        |                |      | 诓        | Ĕ        |              |                 |          | ı        |          |         |         |          |          | ΙŒ    | Ę          | İ        |                 |          |          |          |          |           |          | li             |
|             |            | <b>↓</b> |          |          | ╙        | ╀            | ╙        | 上            | _        | _              |      | <u> </u> |          |              | Ш               |          | _        |          | $\perp$ |         |          | ]        |       |            | L        |                 |          |          |          |          |           |          |                |
|             | 1_         | r        |          |          | ┖        | ╙            | _        | L            | $\perp$  |                |      |          | 51       |              | Ш               | _        |          | $\perp$  | $\perp$ |         |          | J        |       | 101        |          | Ш               |          |          |          |          |           |          |                |
|             | 2          | r        |          |          | <u> </u> | <u> </u>     | _        | _            |          | _              |      | <u> </u> | 52       | Щ            | Щ               | _        | _        | _        | $\perp$ |         | $\perp$  |          |       | 102        | 匚        |                 |          |          |          |          |           |          |                |
|             | 3          | r        | _        |          | _        | $\perp$      | ↓_       | _            | L        | L              |      | <u> </u> | 53       |              | Ш               | _        |          | $\perp$  |         |         |          |          |       | 103        |          | Ш               |          |          |          |          |           |          |                |
|             | 4          | r        | _        | _        | ╙        | ╄            | 上        | <u> </u>     | <u> </u> | L_             |      |          | 54       | $oxed{oxed}$ | $\sqcup$        | _        | $\perp$  | _        | _       | $\perp$ | _        |          |       | 104        |          | Ш               |          |          |          |          |           |          |                |
| <u> </u>    | 5          | r        | _        | _        | ↓_       | ↓_           | ↓_       | ╄            | <u> </u> | L_             |      |          | 55       | Щ            | $\sqcup$        | _        | _        | $\bot$   | $\perp$ |         | _        |          |       | 105        |          | Ш               |          |          |          |          | Ш         |          |                |
| <u> </u>    | 6          | ٢        | <u> </u> |          | _        | <u> </u>     | -        | _            | _        | L              |      |          | 56       |              | Щ               | _        | _        | 4        | 4       | _       | _        |          |       | 106        |          |                 |          |          |          |          |           |          |                |
|             | 7          | r        | <b>—</b> | _        | ⊢        | ╄            | ╀        | ┼            | ╄        | L              |      |          | 57       | <u> </u>     | $\sqcup$        | _        | _        | 4        | 4       |         |          |          |       | 107        |          | Ш               |          | _        |          | Ш        | _         | _        |                |
|             | 8          | r        | <u> </u> | _        | ⊢        | <del> </del> | ╀        | -            | -        | _              |      |          | 58       | _            | $\vdash$        | _        | _        | _        | 4       | Щ.      | —        |          |       | 108        |          | Щ               |          |          |          |          | Ш         |          |                |
|             | 9          | r        | _        | _        | -        | ╀            | ╄        | ₽-           | ┝-       | <del> </del> _ |      |          | 59       | _            | $\sqcup$        | _        | _        | 4        | _       |         | ↓_       |          |       | 109        |          | Щ               |          |          |          |          | Ш         | _        |                |
|             | 10         | ٥        | _        | <u> </u> | ╀        | +            | +-       | -            | ┼        | <b>—</b>       |      |          | 60       | $\vdash$     | $\sqcup$        | _        | $\dashv$ | _        | $\bot$  | $\bot$  | -        |          |       | 110        |          | Ш               | Щ        |          |          | L        | Щ         | _        |                |
| <u> </u>    | 11         | r        |          | -        | ├-       | +            | +        | <del> </del> | ╀        | <u> </u>       |      | L        | 61       | $\vdash$     | $\vdash$        | _        | $\dashv$ | $\dashv$ | +       | +-      | 4        |          |       | 111        |          | Щ               |          | _        |          | Щ        | $\sqcup$  |          |                |
|             | 12         | r        | -        | _        | ╀        | ╁            | +        | ┼            | +-       | ├—             |      |          | 62       | $\vdash$     | $\vdash \vdash$ | _        |          | $\dashv$ | -       | +       | +-       | <b>.</b> |       | 112        |          | Ш               | Щ        | L_       | Ш        | Щ        | dash      | _        |                |
| <del></del> | 13         | ŗ        | -        | _        | $\vdash$ | +            | ╀        | ╀            | -        | ├              |      | <u> </u> | 63       | $\vdash$     | $\vdash \vdash$ | _        | -1       | +        | - -     | +       | +-       |          |       | 113        | <u> </u> | $\vdash$        |          | Ш        | Щ        | Щ        | $\sqcup$  | _        | :              |
| <u> </u>    | 14         | ŗ        | -        | _        | ⊢        | +-           | ╁        | ╀            | +        | ├-             | ł    |          | 64       | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +       | +       | +        |          |       | 114        | <u> </u> | Ш               | _        |          | L        | Щ        | $\sqcup$  |          |                |
| <u> </u>    | 15<br>16   | r        | <u> </u> | _        | ├        | ╁            | +        | $\vdash$     | +-       | ├              |      | <u> </u> | 65       | -            | $\sqcup$        | _        | 4        | +        | +       | +-      | $\bot$   |          |       | 115        | _        | Щ               |          | Щ        | Щ        | Ш        | $\sqcup$  |          |                |
| <u> </u>    | 17         | ľ        | Н        | _        | ⊢        | +            | ╁        | -            | +-       | -              |      | <u> </u> | 66       | $\vdash$     | $\vdash \vdash$ | _        | $\dashv$ | $\dashv$ | +       | +       | ₩        | 1        |       | 116        | _        | Щ               |          | Ш        |          | Щ        | $\square$ | _        | $\Box$         |
| <u> </u>    | 18         | 0        | H        | _        | ┼-       | +            | +        | +            | -        | ⊢              |      | <u> </u> | 67       | $\vdash$     | $\dashv$        |          | $\dashv$ | +        | -       | +       | +        | l        |       | 117        | <u> </u> | Ы               | _        |          | ļ        | Ш        | $\sqcup$  | _        |                |
| <u> </u>    | 19         | r        | H        |          | ⊢        | ╁            | +-       | ⊬            | $\vdash$ | ├              |      |          | 68       | Н            | $\vdash$        | $\dashv$ | $\dashv$ | +        | -       | +       | +-       | ł        |       | 118        | <u> </u> | Ш               | _        |          |          |          |           | 4        |                |
|             | 20         | ŀ        | -        |          | ⊢        | ╁            | ╁        | ┿            | ⊢        | ⊢              |      |          | 69       | Н            | $\vdash$        | -        | +        | -        | +       | +       | +        | ł        |       | 119        |          | Ш               |          |          | _        |          | $\dashv$  | 4        |                |
| <u> </u>    | 21         | ۲        | $\vdash$ |          | ⊢        | ╀            | ╁        | +            | $\vdash$ | ┝              |      |          | 70       | $\vdash$     | $\vdash$        | $\dashv$ | -        | -        | +       | +       | ╄        | liii     |       | 120        | <u> </u> | Н               |          |          |          | Ш        | $\dashv$  | _        | Ц              |
|             | 22         | ⊢        | -        |          | ┢        | ╀            | ┼-       | ╀            | ╀        | ⊢              |      |          | 71       | Н            | $\dashv$        | $\dashv$ | -        | _        | -       | +       | +-       |          |       | 121        |          | Н               | _        |          |          | Ш        | $\dashv$  | $\dashv$ |                |
|             | 23         | $\vdash$ | Н        | _        | ╁        | ╁            | ╁╌       | ⊢            | ╁        | $\vdash$       |      | ├        | 72       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +       | +-       |          |       | 122        |          | Н               | _        |          |          |          | $\dashv$  | $\dashv$ |                |
| $\vdash$    | 24         | ⊢        | Н        |          | ╀        | ╁            | ╁        | ╁            | ┼        | <u> </u>       |      | ├─       | 73<br>74 | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$ | +        |         | -       | +-       |          |       | 123        | _        | Ш               | -        |          |          | Ш        | $\dashv$  | 4        |                |
|             | 25         | ┢        | $\vdash$ |          | ╌        | ╁            | ╁        | ╂─           | ╁        | ┝              |      |          | 75       | -            | $\vdash$        |          | $\dashv$ | +        | +       | +       | ╁        | ł        |       | 124<br>125 | _        | $\vdash$        | -        |          |          | _        | $\dashv$  | $\dashv$ | $\dashv$       |
| _           | 26         | ┝        | Н        |          | ╁╌       | ╫            | ╁        | ╁            | $\vdash$ |                |      |          | 76       | Н            | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | ╬       | +        |          |       | 125        | -        | -               | -        |          |          | -        |           | $\dashv$ | $\blacksquare$ |
| _           | 27         | ┢        | H        |          | ╁╌       | ╁╴           | ╁        | H            | ╁╌       | <del> </del>   |      | <u> </u> | 77       | $\vdash$     | $\vdash$        | $\dashv$ | -        | +        | +       | ╁       | ╁        |          |       | 126<br>127 | _        | Н               | -        | _        | -        | $\dashv$ | -         | $\dashv$ | $\dashv$       |
|             | 28         | $\vdash$ | Н        |          |          | ┿            | ╁        | ╁┈           | $\vdash$ | _              |      |          | 78       | Н            | $\vdash$        | -        | $\dashv$ | +        | +       | +-      | $\vdash$ |          |       | 128        | _        |                 | $\dashv$ |          | _        |          | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 29         | -        | Н        |          | ├─       | ╁            | ╁╴       | ╁            | -        | $\vdash$       |      |          | 79       | 1-1          | $\dashv$        | $\dashv$ | $\dashv$ | +        | +       | +       | +-       |          |       | 129        | -        | Н               | -        | -        | _        | Н        | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 30         | H        | Н        |          | ┢        | +            | ╁        | +-           | ╁        | $\vdash$       |      | -        | 80       | Н            | $\vdash$        | $\dashv$ | $\dashv$ |          | +       |         | +        |          |       | 130        |          | $\vdash$        | $\dashv$ | -        | -        | Н        | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 31         | -        |          | _        | $\vdash$ | ╁            | $\vdash$ | t            | -        | _              |      | <u> </u> | 81       | Н            | $\dashv$        | $\dashv$ | -        |          | +       | +       | ╁        |          |       | 131        | -        | Н               |          |          |          | $\dashv$ | -         | $\dashv$ | $\dashv$       |
|             | 32         | _        | Н        |          | H        | ╁╴           | +        | ╁╴           | $\vdash$ | _              |      |          | 82       | ╁╌┤          | $\dashv$        |          | $\dashv$ | +        | ╁       | 1-      | ┼-       |          |       | 132        | _        | Н               | $\dashv$ | -        |          | -        | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 33         | _        |          | _        | t        | +            | ╁╴       | ┢╌           |          |                |      |          | 83       | $\vdash$     | -               | $\dashv$ | $\dashv$ | +        | +       | ┿       | +        |          |       | 133        |          | $\vdash$        | $\dashv$ |          | _        | -        |           | $\dashv$ |                |
|             | 34         |          | Н        |          | Н        | H            | +        | $t^-$        | $\vdash$ | -              |      | $\vdash$ | 84       | -            | $\dashv$        | $\dashv$ | $\dashv$ | +        | +       | +       | +-       |          |       | 134        |          | $\vdash \vdash$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$  |          | -              |
|             | 35         |          | $\vdash$ |          | H        | $\top$       | $\vdash$ | $\vdash$     |          | Η-             |      | $\vdash$ | 85       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +-      | +-       |          | -     | 135        | H        | H               |          |          | $\vdash$ | $\dashv$ | -         | $\dashv$ | $\dashv$       |
|             | 36         |          |          |          | $\vdash$ | 十            | $\vdash$ | T            | $\vdash$ | -              |      |          | 86       | $\vdash$     | $\dashv$        | +        | $\dashv$ | +        | ┿       | ╅╾      | ┿        |          |       | 136        |          | $\vdash$        | $\dashv$ | -        |          | $\dashv$ | $\dashv$  | ┪        | $\dashv$       |
|             | 37         |          | $\vdash$ | _        | Г        | T            | 1        | T            | $\vdash$ | $\vdash$       |      |          | 87       | H            | $\dashv$        | $\dashv$ | $\dashv$ | +        | +       | +       | +        |          |       | 137        | H        | H               | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |                |
|             | 38         | П        | Н        |          | Г        |              | t        | 1            | П        | т              |      |          | 88       | $\vdash$     | $\dashv$        | $\dashv$ | $\dashv$ | +        | +       | +       | $\vdash$ |          |       | 138        | $\vdash$ | $\vdash$        |          | $\dashv$ | $\dashv$ | $\vdash$ | -         | $\dashv$ |                |
|             | 39         |          | H        | _        | $\vdash$ | T            | 1        |              | $\vdash$ |                |      |          | 89       | $\vdash$     | $\dashv$        | $\dashv$ | $\dashv$ | +        | +       | +-      | +        |          |       | 139        | $\vdash$ | $\vdash$        | -        |          | $\vdash$ |          |           | $\dashv$ |                |
|             | 40         | П        | М        |          | Г        | T            | 1        | $\vdash$     | П        |                |      |          | 90       | Н            | $\dashv$        | $\dashv$ | 十        | $\dashv$ | +       | +-      | $\vdash$ |          |       | 140        |          | $\vdash \vdash$ | -        | $\dashv$ | $\dashv$ | -        | -         | $\dashv$ | -              |
|             | 41         |          |          |          | T        | T            | 1        | T            |          |                |      |          | 91       | $\vdash$     | $\dashv$        | $\dashv$ | 寸        | $\dashv$ | +       | +-      | $\vdash$ |          |       | 141        |          |                 | -        | $\dashv$ | -        |          | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 42         |          | $\vdash$ | _        | T        | T            | $\vdash$ |              | H        |                |      |          | 92       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +-      | $\vdash$ |          |       | 142        |          | $\vdash$        | -        | $\dashv$ |          |          | $\dashv$  | -        | $\dashv$       |
|             | 43         |          | $\Box$   | _        | Г        |              | 1-       | T            | П        |                |      |          | 93       | Н            | $\dashv$        | +        | 十        | $\dashv$ | $\top$  | +-      | $\vdash$ |          |       | 143        |          | $\vdash$        |          | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 44         |          |          |          | Г        | T            | 1        | T            | Н        | T              |      |          | 94       | $\Box$       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +       | +-      | T        |          |       | 144        |          | $\dashv$        | $\dashv$ | -        | ᅱ        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 45         |          |          | _        | Г        | T            | 1        | 1            | П        | $\neg$         |      |          | 95       | $\sqcap$     | $\dashv$        | $\dashv$ | $\dashv$ | $\top$   | +       | +       | T        |          |       | 145        |          | $\dashv$        | $\dashv$ |          | -        | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 46         | П        |          |          | Г        | $\vdash$     | 1        |              | П        |                |      |          | 96       | $\vdash$     | +               |          | $\dashv$ | +        | 十       | +-      | $\vdash$ |          |       | 146        | $\vdash$ | -               | -        |          | -        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 47         | П        | $\Box$   |          | Г        |              |          |              | П        |                |      |          | 97       | $\sqcap$     | $\dashv$        | +        | 十        | +        | 十       | +       | П        |          |       | 147        | $\vdash$ | $\dashv$        | -        | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       |
|             | 48         |          |          |          |          | Τ            | Г        | Г            | П        |                |      |          | 98       | П            | $\dashv$        | 十        | 十        | $\top$   | $\top$  | T       | $\vdash$ |          |       | 148        | $\vdash$ | $\vdash$        | ┪        |          | $\dashv$ | ᅱ        | $\dashv$  | +        | $\dashv$       |
|             | 49         |          |          |          |          | T            |          | T            | П        |                |      |          | 99       | П            |                 | $\dashv$ | $\dashv$ | $\top$   | +       | $\top$  | $\vdash$ |          |       | 149        | $\vdash$ | $\dashv$        | $\neg$   | $\dashv$ | -        | $\dashv$ | _         | $\dashv$ | $\dashv$       |
|             | 50         |          |          |          |          |              |          |              | П        |                |      |          | 100      | П            | $\dashv$        | $\neg$   | $\dashv$ | $\top$   | $\top$  | $\top$  | П        |          |       | 150        |          | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$       |
|             |            | _        |          | _        | _        | •            | _        |              |          |                |      |          |          | ш.           |                 |          | _        | i_       |         |         |          |          |       | 100        |          |                 |          |          |          |          | _         |          |                |